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PATENT ABSTRACTS OF JAPAN

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(22) Application date: 06.05.93

(30) Priority:

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(84) Designated contracting states:

(71) Applicant: HITACHI LTD

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OOBA MICHIKO

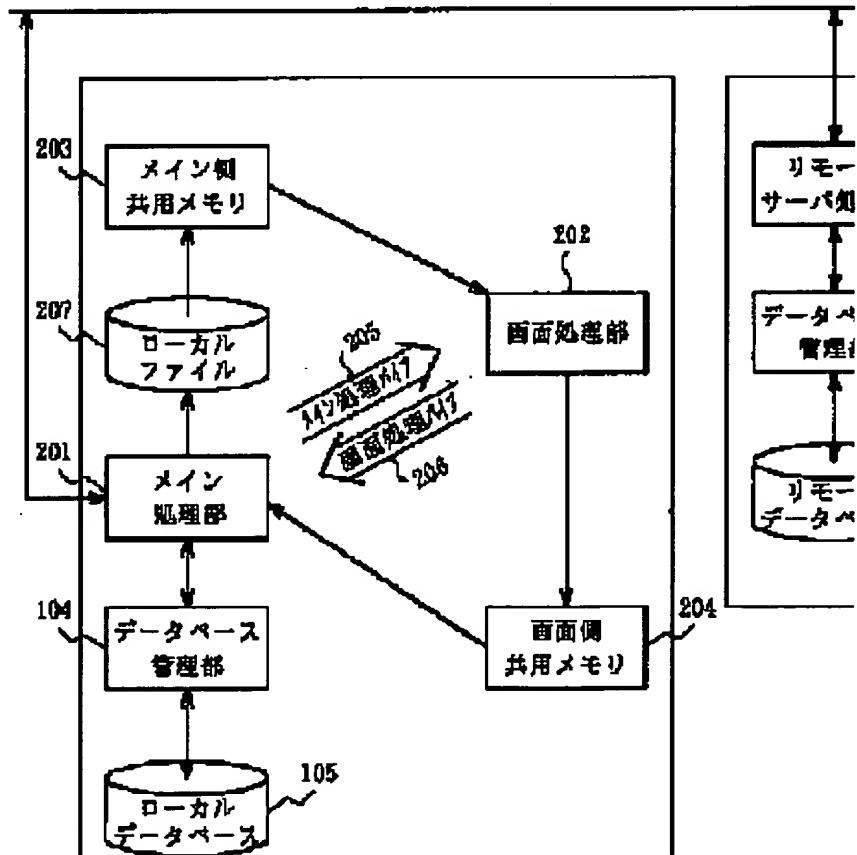
(74) Representative:

(54) DATA BASE DISPLAY METHOD

(57) Abstract:

PURPOSE: To carry out the reception processing of the result of access given to a data base in parallel to the display processing where the data on the access result is shown on a screen by securing the independent operations between a control means which has an access to the data base and a display means which shows the data on the access result on a screen while receiving the processing state of the control means.

CONSTITUTION: A main processing part 201 decides whether its access subject data base is equal to a local data base 105 of a local computer 101 or a remote data base 109 of a remote computer 106. When the data base 109 is decided, the access request of a user is transmitted to a remote server processing part 107. Then the access result is received by the part 201 via



the part 107. Meanwhile a data base control part 104 retrieves the data base 105 when the local data base is decided by the part 201. Then the part 201 stores the retrieving result in a local file 207 and then set the result into a main shared memory 203 for display if it is equivalent to a single screen.

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PATENT ABSTRACTS OF JAPAN

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(71) Applicant: NEC CORP

(84) Designated contracting states:

(72) Inventor: KIKUCHI SHINJI

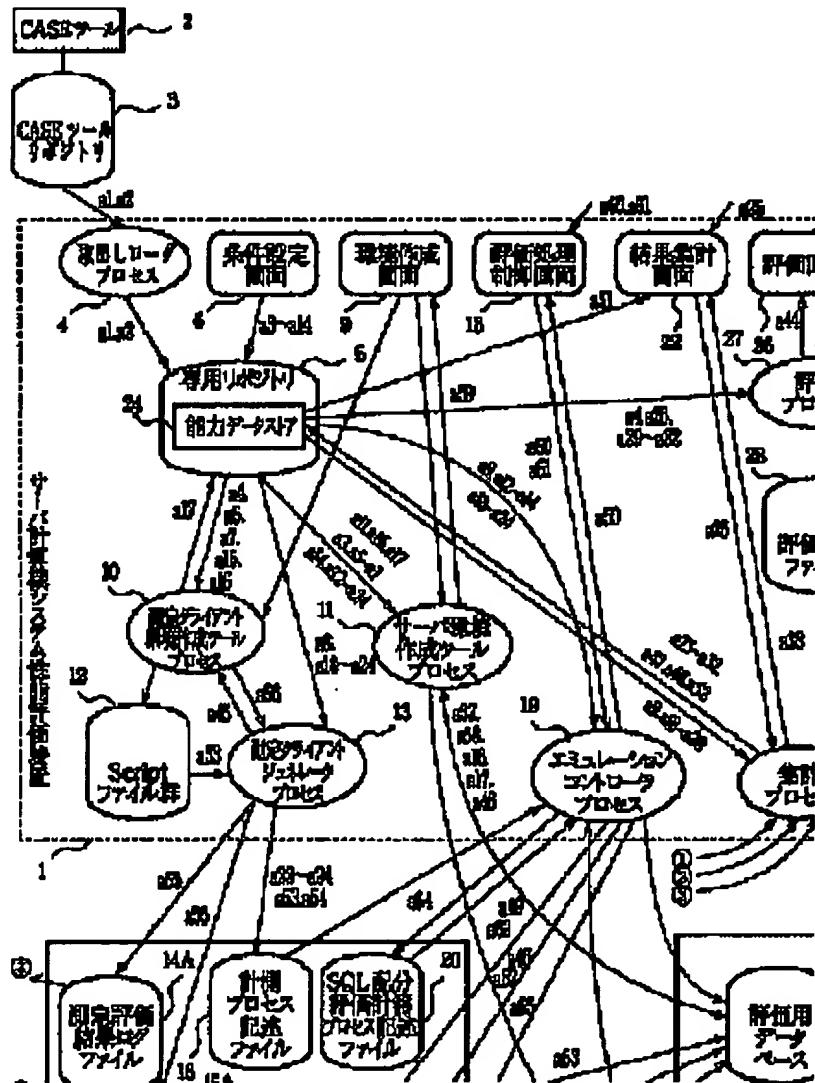
(74) Representative:

**(54) METHOD AND
DEVICE FOR
EVALUATING
HIGH-LOAD EMULATION
PERFORMANCE**

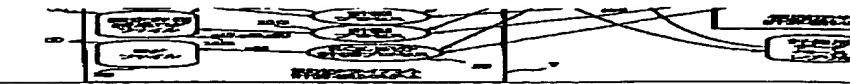
(57) Abstract:

PROBLEM TO BE SOLVED: To improve accuracy in evaluation without requiring any special equipment for evaluating the performance of a server computer system.

SOLUTION: A structured query language(SQL) sentence and a data definition language(DDL) sentence are taken out of a computer aided software engineering(CASE) tool repository 3 and based on the procedure of server constructing system, a measurement environment is automatically generated at a server computer system 8 to be measured. Based on the procedure of work load preparing system for performing a load test, a measurement transaction is semiautomatically generated and



the measurement transaction prepared based on the procedure of work load preparing system is continuously applied to the server computer system 8 to be measured. Then, the change of performance evaluation value is measured by a black box measuring system, a simultaneous processing number to be simultaneously processed through simple probability calculation different from a model due to a queue network is estimated, and the experimentation of comparison with data for evaluation required for performance evaluation possessed through the black box measuring system is tried finite times by a simulation evaluating system.



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(84) Designated contracting states:

(71) Applicant: MITSUBISHI ELECTRIC

(72) Inventor: TOBA JUN
NAKAMURA MASATO

(74) Representative:

(54) DATA TRANSMITTER

(57) Abstract:

PURPOSE: To suppress the load on a station and to guarantee the timewise continuity of cyclic data when the simulation of process data is performed for the maintenance and adjustment in a distributed processing process control system.

CONSTITUTION: In each station 9, a cyclic transmission memory 6a extending transmission data and a cyclic reception memory 6b extending received data are provided. Data to be simulated from the station 9 to be simulated is once transmitted to the station 9 to be simulated. In the station 9 to be simulated, data for which a broadcast transmission to all the stations is to be performed is worked.

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